

Converting Colors

YUV(127.4100, 58.4649,
-38.9476)

Have a look what the booklet for
YUV(127.4100, 58.4649, -38.9476)
contains.

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Color

**YUV(127.4100, 58.4649,
-38.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	537FF6
RGB	83, 127, 246
RGB Percent	33%, 50%, 96%
CMY	0.6745, 0.5020, 0.0353
CMYK	0.66, 0.48, 0.00, 0.04
HSL	224°, 90%, 65%
HSV	224°, 66%, 96%
XYZ	27.7912, 23.6716, 90.2931
YIQ	127.4100, -64.4230, 27.6810

Conversions

Conversions Part 2

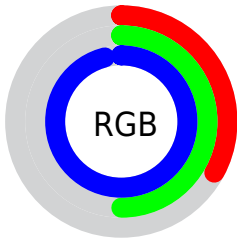
Format	Color
R _Y B	83, 118, 246
Decimal	5472246
CIE Lab	55.76, 22.56, -64.18
CIE LCh	56, 68.032, 289.370
Yxy	23.6716, 0.1960, 0.1670
Android (android.graphics.Color)	4283662326 (0xFF537FF6)
YUV	127.4100, 58.4649, -38.9476
Hunter-Lab	48.6534, 16.8170, -75.9755

Details

The YUV color **127.4100, 58.4649, -38.9476** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **201.5900, -58.4649, 38.9476**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0960, 37.9137, -27.2712**, and **67.9190, 59.6929, -59.5650** is the 20% darker color. If you saturate the color by 10%, you get **109.3690, 67.3591, -45.0506**, and if you desaturate by 10%, it is **145.4510, 49.5707, -32.8445**.

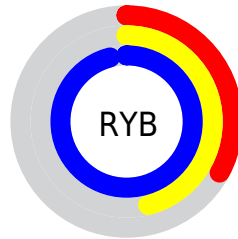
Distribution



Red (33%)

Green (50%)

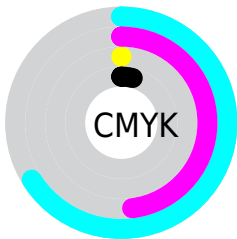
Blue (96%)



Red (33%)

Yellow (46%)

Blue (96%)

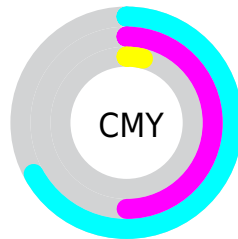


Cyan (66%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (67%)

Magenta (50%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4100, 58.4649, -38.9476 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 127.4100, 58.4649, -38.9476 by changing the saturation by 10% instead.

■ 127.4100, 58.4649,
-38.9476

■ 127.4100, 58.4649,
-38.9476

■ 255.0000, 0.0000,
0.0000

■ 97.4690, 58.9288,
-47.7693

■ 178.0960, 37.9137,
-27.2712

■ 67.9190, 59.6929,
-59.5650

■ 203.8010, 25.2411,
-22.6275

■ 51.8130, 53.8292,
-45.4400

■ 229.5060, 12.5685,
-17.9838

■ 36.9950, 47.8235,
-32.4446

■ 250.2160, 2.3585,
-9.8364

■ 23.4650, 41.6758,
-20.5788

■ 14.1580, 33.9391,
-12.4166

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 127.4100, 58.4649,
-38.9476

■ 127.4100, 58.4649,
-38.9476

■ 109.3690, 67.3591,
-45.0506

■ 145.4510, 49.5707,
-32.8445

■ 91.6270, 76.1059,
-50.5389

■ 163.1930, 40.8239,
-27.3563

■ 73.5860, 85.0001,
-56.6419

■ 181.2340, 31.9296,
-21.2532

■ 66.7860, 88.3525,
-58.5713

■ 198.9760, 23.1828,
-15.7650

■ 217.0170, 14.2886,
-9.6619

■ 235.0580, 5.3944,
-3.5589

■ 252.8000, -3.3524,
1.9294

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



114.7890, 66.6590, -100.6700



127.4100, 58.4649, -38.9476



136.8840, 36.5392, 40.4437

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



127.4100, 58.4649, -38.9476



127.0230, -41.4233, 79.7868



105.8730, 2.0346, -92.8506

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



127.4100, 58.4649, -38.9476



201.5900, -58.4649, 38.9476

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.2540, -29.2122, -57.2278



127.4100, 58.4649, -38.9476



125.4230, -61.8335, 46.1100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



127.4100, 58.4649, -38.9476



124.8860, -13.2548, 98.3240



120.4300, -59.3720, 3.1309



113.4140, 28.3899, -99.4641

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127.4100, 58.4649, -38.9476



132.0210, 22.1746, 74.5266



120.4300, -59.3720, 3.1309



102.8920, -6.8488, -90.2363

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



127.4100, 58.4649, -38.9476



218.0320, 18.2252, -12.3061



192.0190, 3.9346, -95.6097



105.2300, 11.2256, -7.2177



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.4100, 58.4649, -38.9476



106.5410, 73.1903, -48.7095



112.0470, 66.0388, 5.2208



113.1290, 4.3734, -2.7441



50.5540, 66.7749, -44.3359



16.1180, 21.1408, -14.1355

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



136.7530, -4.8082, 95.8096



118.2660, -6.0471, 119.9157



216.9530, -66.0388, -5.2208



113.9300, -0.4585, 7.0774



61.3140, -5.5778, 109.3496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 127.4100, 58.4649, -38.9476 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.4100, 58.4649, -38.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

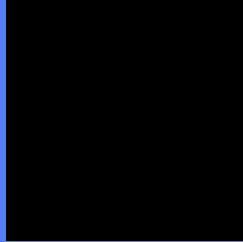
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.4100, 58.4649, -38.9476

Background



This preview shows how black text looks on a background with the YUV color 127.4100, 58.4649, -38.9476.



This preview shows how white text looks on a background with the YUV color 127.4100, 58.4649, -38.9476.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

127.4100, 58.4649, -38.9476

Protanopia

124.9250, 60.6760, -48.1692

Deuteranopia

106.4910, 65.3269, -93.3926



Tritanopia

108.6010, 24.8467, -82.9651

Trichromacy



Original Color

127.4100, 58.4649, -38.9476

Protanomaly

125.7190, 59.7915, -44.4806

Deuteranomaly

114.0420, 63.0833, -73.7048

Tritanomaly

115.6150, 37.1648, -67.1914

Monochromacy



Original Color

127.4100, 58.4649, -38.9476

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1180, 21.1408, -14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4100, 58.4649, -38.9476 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(83, 127, 246)` looks like.

```
.text, #text, p{  
    color:rgb(83, 127, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(83, 127, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 127, 246) }
```

Border

The CSS property to change the border of an element to YUV 127.4100, 58.4649, -38.9476 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(83, 127, 246) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(83, 127, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(83, 127, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 127, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 127, 246);  
box-shadow:4px 4px 4px 4px rgb(83, 127,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 127.4100, 58.4649, -38.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 127, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(83, 127,  
246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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